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## POWERING YOUR CHARGER

Insert the AC power cord into the charger, place the charger on a non-flammable surface, and then plug the AC power cord provided into an appropriate wall socket. When plugged in, all LEDs will light red for one second and then the Charge Status LED will blink green to indicate that the charger is ready to use.



## CHARGING PROCEDURE

1. Insert the appropriate charge lead into the positive (+) and negative (-) Battery Sockets.
2. Select the battery type (LiPo/LiFe) using the Battery Type Switch.
3. Use the Charge Current Switch to select a charging current of 1, 2, or 3 amps. Determine the correct charge rate by consulting with the manual included with your battery.
4. Connect the battery to the charger by plugging it into the charge lead. Plug the balance connector into the appropriate balance port. Place the battery in a fireproof container on a non-flammable surface.
5. The charge process will begin automatically indicated by a red Charge Status LED. The Cell Status LEDs will light red depending on the number of cells (1-4) being charged. When a Cell Status LED is flashing, this cell is being discharged as part of the balancing process.
6. When the charging process is completed, the Charge Status LED will turn green. During the charging process, the Charge Status LED will turn from red to orange when the battery has reached 90% capacity and then turn green once full capacity is reached. The charging process can be stopped at any time by removing the battery from the charger.
7. Disconnect the battery from the charger and unplug the charger from the wall socket.

**CAUTION! NEVER LEAVE THE CHARGER AND BATTERY UNATTENDED DURING THE CHARGING PROCESS.**

## LED CHARGE STATUS

Determine a battery's charge status by viewing the Charge Status/Cell Status LEDs.

| LED CHARGE STATUS |                |                                  |
|-------------------|----------------|----------------------------------|
| Charge Status LED | Green blinking | Ready to charge                  |
|                   | Red solid      | Charging                         |
|                   | Orange solid   | Battery has reached 90% capacity |
|                   | Green solid    | Charging process complete        |
| Cell Status LED   | Red solid      | Cell charging                    |
|                   | Red blinking   | Cell discharging                 |

## LED ERROR STATUS

If the charger detects an error, a code will be displayed by the Charge Status/Cell Status LEDs.

| LED Status             | Error Message                                      | Solution                                                                     |
|------------------------|----------------------------------------------------|------------------------------------------------------------------------------|
| Charge Status + Cell 1 | Individual cell voltages differ by more than 300mV | Discontinue use of the battery                                               |
| Charge Status + Cell 2 | Bad connection                                     | Check the connection between the battery and charge lead                     |
|                        |                                                    | Check the connection between the charge lead and the Battery Sockets         |
| Charge Status + Cell 3 | Over-current protection                            | Discontinue use of the charger and return it to the manufacturer for service |
| Charge Status + Cell 4 | Reverse Polarity                                   | Check that the battery is plugged into the charge lead correctly             |
|                        |                                                    | Check that the charge lead is plugged into the Battery Sockets correctly     |

## WARRANTY

Your Reedy 324-S Compact Balance Charger is warranted to the original purchaser for 90 days from the date of purchase, verified by the sales receipt, against defects in material and workmanship. Product that has been mishandled, abused, used incorrectly, used for an application other than intended, or damaged by the user are not covered under warranty. Associated Electronics Inc. is not liable for any loss or damage, whether direct or indirect, incidental or consequential, or from any special situation, arising from the use, misuse, or abuse of this product.

